

REMARKS

Description of the Amendments

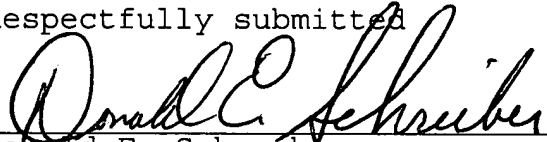
In the Specification

The specification is amended to add a reference to the parent application, and to correct grammatical errors.

In the Claims

New claims 33-43 are being added to more particularly point out and distinctly claim the subject matter which the Applicants regard as their invention.

Respectfully submitted



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ABSTRACT

A network of computing devices includes a repeater (40) for Small Computer System Interface ("SCSI") buses (52, 54, 56, and 58) to which digital computing devices (62, 64, 66, 68, 72 and 74) connect in parallel. The repeater (40) includes a plurality of bus interface circuits (48) that are connected to the SCSI buses (52, 54, 56 and 58) for receiving signals from and transmitting signals to devices (62, 64, 66, 68, 72 and 74) connected thereto. The bus interface circuits (48) connect to a control circuit (44) which allows signals from one of the sharing buses (52, 54 or 56) to be exchanged with the shared bus (58) responsive to a succession of bus phases occurring on the buses (52, 54, 56 or 58).